

# Anchorage Amateur Radio Club

## General Membership meeting April 5th

### Officers

<b>President</b>	Randy Vallee, AL7PJ
<b>Vice President</b>	Jim Larsen, AL7FS
<b>Secretary</b>	Keith Clark, WL7CSR
<b>Treasurer</b>	Richard Block, KL7RLB
<b>Trustee</b>	Jim Feaster, KL7KB
<b>Activities Chairman</b>	TJ Sheffield, KL7TS
<b>News Letter Editor</b>	Edythe Lynn KL7EL
<b>Membership Chairman</b>	Fred Erickson KL7VC
<b>Past Past-President</b>	John Lynn, KL7CY

### Three Year Board Members

Lil Marvin, NL7DL  
David Stevens, KL7EB  
Pat Wilke, WL7JA

### One Year Board Members

Lynn Hammond, KL7IKV  
Peter Bailey, WL7BW  
John Murray, NL7WW  
Steve Jensen, KLØVZ  
Mike Borer, WL7CKB  
Dan Horvath, WL7CLX

### AARC web page & Email contact addresses:

Homepage: <http://home.gci.net/~lawson/>  
Email Reflector: [KL7AA@QTH.NET](mailto:KL7AA@QTH.NET)  
Webmaster: [lawson@gci.net](mailto:lawson@gci.net)  
President: [vallee@gci.net](mailto:vallee@gci.net)  
Membership: [frederickson@iname.com](mailto:frederickson@iname.com)  
Newsletter: [edielynn@gci.net](mailto:edielynn@gci.net)

### News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting  
Email: [edielynn@gci.net](mailto:edielynn@gci.net) faxcsimile: 907-338-4791  
Mail: 7013 Trafford Ave. Anchorage 99504

### KL7G CODE PRACTICE SCHEDULE

Schedule: 7:00am, 10:00am, 4:00pm, 7:00pm, 10:00pm  
AK time, every day on 145.35 MHz @ 7 wpm

### Nets in Alaska:

The following nets are active in South-central Alaska:  
Alaska Sniper's Net 3.920 MHz 6:00 PM daily  
Alaska Bush Net 7.093 MHz 8:00 PM daily  
Alaska Motley Net 3.933 MHz 9:00 PM daily  
Alaska Pacific Net 14.292 MHz 8:00 AM M-F  
850 No Name Net 146.85/.25 repeater Sundays 8:00 PM  
Son of Sideband Net 144.20 USB Mondays 9:00 PM local  
Big City Simplex Net 146.520, 446.0, & 52.525 FM Packet  
145.01 Tuesdays 8:00 PM local  
ARES net 147.30/.90 repeater Thursdays at 8:00 PM local  
PARKA net 147.30/.90 Thursdays at 9:00 PM local

### Anchorage & Mat Valley Area Repeaters

KL7AA systems at Flattop Mt., 2,200 ft  
146.94/34 MHz, 80 watts, autopatch, 100/141.3 Hz PL  
224.94/223.34, 25 watts, no patch, no PL  
444.70/449.70, 25 watts, autopatch, 123.0/141.3 PL  
KL7CC, Anchorage Hillside, SCRC & QCWA  
146.97/.37 MHz, 30 watts, autopatch, 103.5 Hz PL  
KL7M Anchorage Hillside  
147.21/.81 MHz, Internet Iphone, 103.5 Hz PL  
KL7ION at Mt. Gordon Lyon 3,940 ft  
147.30/90, MHz - 80 watts, no patch, no PL  
KL7AIR Elmendorf AFB, EARS  
146.67/.07, 107.2 Hz PL  
KL7DJE at Grubstake Peak, 4,500 ft.  
147.09/.69 MHz, 25 watts, no patch, 100 Hz PL  
444.925/449.925, 10 watts, no patch, 141.3 Hz PL  
KL7JFU, KGB road, MARA club  
146.85/.25, autopatch, no PL  
KL7DOB, Alcantra (Wasilla Armory)  
146.64/.04, simplex patch, no PL  
KL7AA, Mt. Alyeska, 2,400 ft.  
146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL

### South Central Area Simplex Frequencies

146.52 Mhz Calling and Emergency frequency  
147.57 / 447.57 (crossband linked) HF spotters & chat,  
103.5 HZ PL  
146.49 Mhz Anchorage area simplex chat  
146.43 MHz Mat Valley simplex chat  
147.42MHz Peninsula simplex chat



**\*\* The AMSAT-NA Net in the Boston area recently completed its 300th net during its 6-year history. First started by George, W1ME, the next net milestone is coming up (in fact it should happen on the March 28th net) with check-in number 5000! -Ernie, K1ELA**

**\*\* The 2001 AMSAT Symposium awards included a presentation to Freddy de Guchteneire, ON6UG, for his generous contribution of time and effort during the Phase 3D-launch campaign. His willingness to sacrifice personal time for this endeavor is greatly appreciated by hams all over the world. -ANS**

**\*\* During the recently completed Olympics, security personnel in Utah relied on satellites to monitor the locations of more than 400 vans carrying athletes to and from venues at the recently completed winter games. -SpaceDaily**

**\*\* The ARRL says the large number of comments filed by amateurs in opposition to SAVI Technology's plans to operate RF identification tags on 70-cm support the League's position. "There were approximately 132 comments filed in this proceeding," the ARRL pointed out, "all of which are opposed to the proposal to allow RFID tags and interrogators in the weak-signal portion of the most popular and heavily-occupied UHF amateur band." -ARRL**

**\*\* The third crew rotation of the Mars Desert Research Station has begun. During this time, the crew will continue the program of sustained field exploration of the Utah desert while operating under many of the same constraints that a human crew would in an expedition to Mars. -SpaceDaily**

**\*\* An unpiloted Russian Progress resupply craft has delivered food, fuel and supplies to the residents on board ISS, with docking of the craft (successfully) completed as this edition of ANS was broadcast. -NASA**

**\*\* The ARRL is reporting that the FCC has opened a proceeding regarding orbital debris. "Minimization of orbital debris will help maximize the usefulness of space for satellite communications and other services," the Commission said in a statement. The Notice proposes to adopt a requirement that all FCC-licensed satellite systems submit information concerning plans to mitigate orbital debris. AMSAT-NA will file comments with the Commission. -ARRL/ANS**

**\*\* Miles, WF1F, reminded ANS that the Russian Space Station Mir was retired on March 23, 2001 - one year ago this week. -ANS**

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On March 21, 2002, Astronaut Dan Bursch, KD5PNU, fielded 20 student questions radioed to him aboard the International Space Station, with two of the questions coming from his own children! The questions came from students

who attend the St. Thomas Episcopal School in Nassau Bay, Texas, a few miles southeast of Houston.

In addition to the St. Thomas contact, students and staff of the Zeehan Primary School in Tasmania were overwhelmed with excitement after their contact with the ISS. Astronaut Carl Walz, KC5TIE, answered all 13 questions, allowing the students enough time to applaud the ISS crew before LOS. Zeehan is the first Australian school to speak with ISS.

ARISS is an international project, with U.S. participation by the ARRL, AMSAT and NASA.

[ANS thanks the ARISS group for this information]

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Radio Sport 21, also known as the Kolibri-2000 satellite - is operating from orbit, after being remotely launched on March 20, 2002 from a Russian Progress M-1-7 launcher.

The launch of RS-21 took place after the Progress ship undocked from the International Space Station.

The satellite's formal name is the Russian-Australian Scientific and Educational Microsatellite Kolibri-2000. The main satellite design was done by the Special Workshop of Space Research Institute of Russian Academy of Sciences. The team used previous RS satellite designs as the basis for RS-21, under the direction of Alexander Papkov, UA3XBU.

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An AO-27 question-and-answer page is available on the AMSAT-NA web site, with updates by Ray, W2RS. The URL is: <http://www.amsat.org/amsat/intro/ao27faq.html>

AO-27 uses a method called Timed Eclipse Power Regulation (TEPR) to regulate the on-board batteries. In simple terms, TEPR times how long the satellite has been in an eclipse (or in the sun) and decides what subsystems to turn on or off. The AO-27 pages on the AMSAT-NA web site include an explanation of TEPR AO-27 operations (at): <http://www.amsat.org/amsat/sats/n7hpr/ao27.html>

On February 3, 2002 Chuck, KM4NZ, reset the TEPR states on AO-27 as follows: TEPR 4 - 32      TEPR 5 - 72

[ANS thanks AMRAD for AO-27 information]

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At the start of the Iditarod, the CCV was the central location for operating four VHF 2mtr nets, a GMRS net and a packet net simultaneously. CCV operated on commercial power available from a City-provided power drop at the location. This event demonstrated that the CCV is well laid out to serve as an incident command center for any complex communications exercise or event.

At the Iditarod restart in Wasilla, CCV operated two 2 mtr nets and the GMRS net simultaneously on power supplied by the internal generator. CCV also served as living accommodations for the net controllers the night before the restart.

Each use of the CCV demonstrates ways to improve the efficiency of the unit and further enhancements that would add to the utility of the CCV. Most importantly, however, these uses are proving that the CCV is meeting and exceeding all expectations for its capacity to contribute to education and training of interested amateur radio operators and its value as a communications resource for a wide variety of governmental and non-governmental public service agencies.

"Well, neighbor, I gota get me one uh theez here Crenshaws."

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### **USE OF KL7AA CALL SIGN**

**By James H. Feaster, KL7KB**

This is a reminder and possibly a clarification of the use of the club's call sign. The club call sign is used for two main reasons. The first use is the identifier and licensure for the KL7AA repeaters. The second use being for the licensure of a special event station or activity sanctioned by the AARC.

So many club members are involved in the other clubs of this area that hard to tell which club is conducting which special event or providing communications for an event. The KL7AA is to be used only for AARC sponsored events. Just because some or all of the hams participating in a special event are members of the AARC does not make it an AARC sanctioned event.

Even though the FCC has relaxed the logging requirements over the years, it is still very important for its officers and trustee to be aware of the use of the clubs call sign and license. The club is responsible to the FCC for what happens under the KL7AA call sign. While very few hams knowingly break the rules or operate carelessly the club would be responsible for those actions. If the FCC contacts the trustee or an ARRL official observer it's important to know who and what was going on to be able to respond appropriately.

Being able to respond intelligently to an operational complaint is important. Just as important is being able to respond to QSL card requests. If a group of club members

use the club call sign to participate in a contest and generate QSL card requests they simply are not honored unless it's a club-sponsored effort. Lots of hams outside need just one last QSL card for awards such as WAS. It would be unfortunate that their request for a card would be refused. It would nice to spare others the disappointment of not receiving a card they have earned.

It is always nice for the AARC to receive good publicity by having the KL7AA call sign used frequently. However the club also accepts a certain amount of liability when ever that call sign is used. The club's officers will determine which events are to be sanctioned by the club. While KL7AA might be an easier cw call to use or it its use might extend someone's operating privileges please get permission from the AARC board first.

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### **AMSAT NEWS SERVICE BULLETIN 083.01 FROM AMSAT HQ SILVER SPRING, MD, MARCH 24, 2002 TO ALL RADIO AMATEURS**

ANS is pleased to announce the 20th Space Symposium and AMSAT-NA Annual Meeting. The conference is scheduled for November 7-11, 2002 in Fort Worth, Texas, and will chronicle recent and future Amateur Radio satellite technology developments. The 2002 event chairman is Keith Pugh, W5IU.

ANS is always dedicated to past ANS editor 'BJ' Arts, WTON, and to the memory of long-time AMSAT supporters Werner Haas, DJ5KQ, and Dennis Kitchen, G0FCL.

ANS salutes Nikola Tesla, who developed alternating current as means of efficiently generating and distributing electricity; also invented high frequency generators, a telephone repeater, fluorescent lights, and the Tesla coil. He held more than 700 other patents. It is said by some that Tesla actually may have beaten Marconi in the development of radio itself. The tesla is the international unit of magnetic flux. Nikola Tesla (who died in 1943) is among the inaugural group of 50 inductees into the CQ Amateur Radio Hall of Fame.

Nominations are open for the CQ Amateur Radio Hall of Fame 2002 class, due by March 31, 2002. Nominations can e-mailed to < hall-of-fame@cq-amateur-radio.com >. The official nomination form and guidelines are in the January issue of CQ and on the CQ web site at < www.cq-amateur-radio.com >. [ANS thanks CQ Amateur Radio magazine, published by CQ Communications, Inc. for this information]

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### **Amateur Space & Satellite News Highlights**



removed and the easy lounge chair in the living room was removed.

The former bedroom was refitted with custom-built cabinetry designed to permit a flexible array of radio equipment. The shower stall area now has a rack for antenna patch bay, computer data ports, telephone switching system and 12 v. and 120 v. power distribution systems and the lounge chair area now features a custom built cabinet for a satellite communications station.

All other aspects of the motorhome remain in place, including all natural wood cabinets, the full galley, fold out couch, bathroom and the dinette. The generator and space heater are still on board and operational.

The layout of the CCV will permit up to seven operating stations. There are already mounted six 2 mtr/440 radios, two VHF packet stations complete with radios, TNC and computers, one with a printer, one VHF satellite station, which will be collocated with an HF satellite station, two HF units complete with amplifiers (Yesu Mark V HF rigs and ACOM amplifiers) and an array of public service radios, including aviation, marine, GMRS and CB.

At most of the stations in the CCV, there will be a computer terminal networked throughout the CCV and capable of extended network to outside stations, (say, an adjoining CCV operated by another public service agency). There is also planned a telephone system networked throughout the CCV and capable of extending lines to other stations.

As the capabilities of the CCV are demonstrated to public service agencies and MOU's with those agencies are developed, there will be room to add radios operating on commercial channels and public service frequencies including AST, APD, AFD, and with non-governmental public service agencies such as Red Cross, Mountain Rescue, Community Patrol and Police Auxiliary.

The power distribution system is sufficiently flexible to allow for using external 120 v. commercial power, the internal generator for both 120 v. and 12 v. power, a battery system which operates at 12 v. with 960 amp/hour capacity or the generators on the power/tower trailers.

The antenna array is likely the most innovative part of the package. Because the roof of the motorhome is fiberglass there would have been inadequate ground plane for the VHF/UHF antennae without something being done. The solution—build a super roof of aluminum over the top of the motorhome. A 3/16" aluminum plate cover mounted on unistrut beams with twistlock bolts was installed. This allows for 27 VHF/UHF antennae on 3 ft. centers with cabling running under the aluminum plates to entry points on the roof located over the shower area, where the antenna patch bay is situated.

All HF antenna leads run through protected access cable alleys to outside the CCV and to the tower/power trailers.

A word about the power/tower trailers. The club owns two flat bed trailers (like ATV or snow machine trailers) on which has been mounted fold-over crank up 40' antenna towers and 12 kw 120 v/ 240 v diesel generators. One of the trailers can be towed by the CCV.

When on location, the power/tower trailer can be set up with community power supply adequate for our CCV and other agency units that may be on scene and the club H.F. band beam antenna for 10/20/40/80 mtr operation.

Where did the money go?

When taking a tour of the CCV, one might be led to ask, why did it cost so much, I do not see that much radio gear.

In fact, a rather small percentage of the total cost went to radio gear.

A general breakdown of costs is as follows:

Item	\$	%
Motorhome acquisition, repairs, painting, signing	37,488	40.3
Internal remodeling, new carpets, cabinetry	2,540	2.7
External remodeling, aluminum roof	4,146	4.4
Miscellaneous, cables, terminal hardware	5,208	5.6
Radios	33,800	36.4
Computers	4,686	5.0
Miscellaneous, garage rent, utilities	5,013	5.4
Total	92,881	100.0

These are approximations based on actual expenses to date of report.

Not included in the cost is the contributed labor.

Approximately 20 members have worked on this project for from two hours each to over 100 hours. Total contributed labor approximates 300 man/hours.

"So, hawshee ride?" Even though not fully completed, the CCV was used for a Special Events Station the last weekend of Fur Rendezvous and as net control for both start and restart of the Iditarod Sled Dog Race.

The combination of CCV and power/tower trailer as power source and HF antenna enabled one of our members to make over 1,000 QSO's in two days during Fur Rendezvous. The CCV was located in the Mulcahy Stadium parking lot and provided a warm, comfortable station for both operating the HF rig and for club members to gather for fellowship.



### New Business:

The lease on the RV workspace was discussed. John Lynn, KL7CY, moved to extend the lease for one more month. It was seconded by Pat Wilke, WL7JA, and passed with one objection. Richard Block, KL7RLB, raised the issue of a long term solution for RV storage and office and meeting space. A committee was formed consisting of Pat Wilke, WL7JA, T.J. Sheffield, KL7TS, Steve Jensen, KLØVZ, and Jim Larsen, AL7FS, to investigate all possibilities, for final resolution by Sept. 1<sup>st</sup>, 2002. Phil Manny, KLØQW, advises he has been contacted by the Civil Air Patrol about the Scamp trailers the club has been using. It was decided to return one trailer, proceed with receiving a donation of the other trailer, and investigate possibilities for long term storage of the equipment.

### Hamfest:

Preliminaries were discussed.

Lil Marvin, NL7DL, requested information on the equipment that was purchased for the RV project, at last years Hamfest.

Secretary Keith Clark, WL7CSR, advised the Board that one Board Member had reached their three unexcused absence limit. The position thus being vacated, will be filled at the next General Meeting.

There being no further business the meeting was adjourned at 9:50 p.m.

Submitted by H. Keith Clark, WL7CSR, Secretary

### Anchorage Amateur Radio Club Summary of Financial Affairs January-February, 2002

<b>Assets</b>	
Gaming Account	\$137,607
All other Current Assets	\$57,109
Fixed Assets	\$176,488
Boniface Bingo	\$19,989
Total Assets	\$391,193
<b>Liabilities</b>	
	\$0
<b>Equity</b>	
	\$391,193
<b>Operating Income</b>	
	\$963
Operating Expenses	\$4,354
<b>Gaming Income</b>	
	\$10,269
Contributions	\$6,491
<b>Gaming Funds xfrd to General Acct.</b>	
	\$51,500

This summary does not include notes or other information which are an integral part of a complete Financial Statement and should not be relied upon as a complete or accurate statement of the Club's Financial Condition.

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### **HEY, WUDJA BUY THERE?**

**By: Richard Block, KL7RLB**

Drive up to your house in a brand new 4-door Crenshaw XKW 500 cc with Auto-Seek © and MultiTrans drive system and all the neighbors saunter over to ask, "Hey, wudja buy there?"

That is shortly followed by, "Geez, how much 'at setcha back?"

While these may be expressions of skepticism, they are really manifestations of awe, some envy, maybe some jealousy. After all, if they had what it set you back, they would all be driving new Crenshaws.

AARC is now driving our new Crenshaw; a newly fitted Communications Command Vehicle built up from a used 34 ft. motorhome and now containing some of the most sophisticated and complete (from an amateur radio standpoint) electronics package to be found anywhere in the State of Alaska and, perhaps, anywhere in amateur radio in the U.S.

The CCV is the dream of some of the members, perhaps a long-standing dream, which is now made possible because of the availability of funds from the gaming permit. Last year, in three incremental votes, the membership approved a total budget of \$97,000 for the project. The first phase of the project is now essentially finished and will be completed within the budget.

Perhaps a verbal tour of the CCV for those that have not seen it, would be useful.

The motorhome is a 34' Fleetwood with a 454 c.i. engine and automatic transmission. The original interior design, much of which has been preserved, included a bedroom, bath with shower, galley with microwave, oven and large refrigerator, dinette, living room with couch that folds out for a bed and easy chair. The vehicle also has abundant storage spaces both in the cabin and under the cabin sufficient for storing everything that might be required for remote operations over a long period of time. The unit had a 6.5 kw generator and propane space heater on board.

To make room for radio operating stations, the bedroom was stripped of all furnishings and cabinets, the shower stall was



Students are advised to have the study materials completely read by the first day of class. For more information, students may contact Rick or Lil at [rlment@alaska.net](mailto:rlment@alaska.net). Or they may contact the Marvins at 907-277-6741 after March 20th.

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### **Valley HAM Radio License Course**

The MARA (Matanuska Amateur Radio Association) club is sponsoring a Technician License Class from April 16 to May 16. Classes will be on Tuesday and Thursday nights from 7:00 to 8:30PM at Jim Moody, NL7C's classroom at A1 Driving School in Wasilla. For more information contact Len Betts NL7NF at 373-5413 or [lelbak@yahoo.com](mailto:lelbak@yahoo.com).

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### **MARafest Ham Fest & Flea Market**

The Matanuska Amateur Radio Association is having their annual HAMfest and flea market will be on May 18 from 10AM to 5PM at the Alcantra Armory in Wasilla. There will be two testing sessions, demonstrations and food by the 4H Club. Tables are available and there will be a consignment "country store" table. Contact Tim Comfort, NL7SK at 745-5488 or [nl7sk@gci.net](mailto:nl7sk@gci.net).

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### **Iditarod Special Event Station & Award**

The Iditarod Special event station, organized by Len Betts, NL7NF, of the MARA club ran concurrently with the race from home stations around south-central Alaska. The race itself set some new records this year, with the not only the fastest finish, but also the fastest "Red Lantern" This shortened the duration of the special event by almost a week. There were 51 countries contacted during the event. Mark Kelliher, KL7TQ worked both on the trail at Rohn and then returned to his home to work the special event. Mark made the most Q's, almost 300 was awarded a specially signed Iditarod poster by John Van Zyle at the MARA meeting to recognize his outstanding HAM run on the Iditarod.

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### **(UNAPPROVED)**

#### **Anchorage Amateur Radio Club Board Meeting, March 19, 2002**

The AARC Board Meeting was held on Tuesday, March 19, 2002, at Hope Community Resources Administrative Building at 540 West International Airport Way. President Randy Vallee, AL7PJ, opened the meeting at 7:05 p.m. The following officers were in attendance: President Randy Vallee, AL7PJ, Secretary Keith Clark, WL7CSR, treasurer Richard Block, KL7RLB, Activities Manager T.J. Sheffield,

KL7TS, John Lynn, KL7CY, and Trustee Jim Feaster, KL7KB. The following Board Members were in attendance: Pat Wilke, WL7JA, Lil Marvin, NL7DL, Lynn Hammond, KL7IKV, John Murray, NL7WW, Steve Jensen, KLØVZ, Mike Borer, WL7CKB, and David Stevens, KL7EB. AARC club members, VEC Chairman Jim Wiley, KL7CC, and Membership Chair Fred Erickson KL7VC were also present. Visitors Phil Manny, KLØQW, and Dave Filley, WL7CDG.

Minutes from the Feb. 19<sup>th</sup> Board Meeting were reviewed. Steve Jensen, KLØVZ, made a motion to accept it was seconded by Jim Feaster, KL7KB, and passed unanimously.

### **REPORTS**

#### **Health and Welfare:**

No news is good news.

#### **Treasurer's Report:**

Treasurer Richard Block, KL7RLB, provided a written report for review. He discussed his meeting with Lisa Rogers regarding Gaming funds. And after some background, he made a motion to move \$75,000.00 from the Gaming Fund to the Club General Operating Account. Steve Jensen, KLØVZ seconded it, and the motion carried.

Richard then made a motion to open a Smith Barney Account to buy \$75,000.00 worth of Lord Abbett Total Return Fund. Jim Feaster seconded, and the motion carried.

#### **Gaming Committee Report:**

John Lynn, KL7CY, says there are no problems to report, and he has nothing to add to the discussions from the Treasurers report from above.

#### **VHF Committee Report:**

The 146.94 and the new Pt. McKenzie repeaters were discussed.

#### **VEC Report:**

Jim Wiley, KL7CC, advised about extra testing sessions, 2002 VEC conference in Gettysburg, and ongoing study regarding the remote-testing project.

#### **ARES:**

Mike Borer, WL7CKB, is off tonight. Richard Block, KL7RLB, filled us in on the RV and Iditarod, and the Sat. tour of the BP facilities.

After a short break, David Filley, WL7CDG discussed the Adopt a Highway Program to see if the Club was interested in continuing their participation. Randy will bring it up at the April General Meeting for discussion.

#### **Old Business:**

Jim Feaster, KL7KB, presented a letter he drafted, to be placed in the next newsletter, regarding the use of the club call sign.



## ~\*~ HOT LINKS ~\*~

Internet Web links, the favorites from our readers

AARC <http://home.gci.net/~lawson/>

SCRC <http://www.KL7G.org>

EARS <http://www.qsl.net/kl7air>

MARA <http://www.obarr.net/mara/>

Moose Horn ARC <http://www.alaksa.net/~kl7fg>

ARES <http://www.qsl.net/aresalaska>

KL7J <http://www.alaska.net/~buchholz>

Fairbanks AARC: <http://www.kl7kc.com/>

Yukon Amateur Radio Association:

<http://www.klondike.com/yara/index.html>

HAARP Project:

<http://server5550.itd.nrl.navy.mil/projects/haarp/>

<<Amateur Radio Reference Library>>

<http://www.area-ham.org/library/libindex.html>

Hamradio: <http://www.hamrad.com/>

Solar Terrestrial Activity <http://209.130.27.95/solar/>

ARRL <http://www.arrl.org/>

Propagation Report Recording 566-1819

*Please let us know if there are other clubs pages or good starting points that should appear here*

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### ABACUS RADIO REPAIR

Factory authorized service for: Kenwood, ICOM,  
Yaesu, Alinco, Amateur radio equipment.  
Call Jim Wiley, KL7CC (907) 338-0662

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**NEWSLETTER ARTICLES:** All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by computer disk, fax, or E-mail to the newsletter editor at the address listed on the cover. Submissions must be in the hands of the editor at least two weeks prior to the meeting.

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### Regular HAM Gatherings:

**Tuesdays Lunch, 11:30 AM to 1:00 PM:** Join the gang for lunch and an eyeball QSO at the Royal Fork, "South, on Old Seward Highway.

**Saturdays Breakfast, 7:30 AM:** Here is a good way to get started on the week-end come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

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## THIS MONTH'S EVENTS

**April 2nd: VE License Exam 6:30 PM,** 1<sup>st</sup> Tuesday of the month at the Hope Cottage offices, 540 W International. Bring photo ID, copy of license (if any) and any certificates of completion.

**April 4th: EARS general meeting at 6:30PM** 1<sup>st</sup> Thursday of the month, in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67- repeater.

**April 5th: AARC general meeting at 7:00 PM** 1<sup>st</sup> Friday of the month in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.30+ repeater.

**April 12th: SCRC general meeting at 7:00 PM** the 2<sup>nd</sup> Friday of the month at Denny's on Debarr & Bragaw. Talk in on 147.57 simplex.

**April 13th: PARKA Meeting at 11:00 AM.** 2<sup>nd</sup> Saturday of the month at Peggy's, across from Merrill Field

**April 13th: VE License Exams at 2:00 PM.** 2<sup>nd</sup> Saturday of the month at Hope Cottage 540 W. International. Be sure to bring photo ID, copy of license (if any) and any certificates of completion.

**April 4th & 18st: Moosehorn ARC general meeting at 7:00 PM** every other Thursday in the Soldotna Borough Offices on North Binkley. Talk in on 146.88 repeater or 147.42 simplex.

**April 20th: ARES General meeting 9:30 AM to 12:00 PM.** 3<sup>rd</sup> Saturday of the month.

**April 16th: AARC Board meeting at 7:00 PM** 3<sup>rd</sup> Tuesday of the month at Hope Cottage 540 W. International.

**April 26th: MARA meeting at 7PM** the last Friday of the month at the Fire Station 61 in Wasilla. Talk in on 146.64 - repeater.

**May 18<sup>th</sup> MARfest** Ham fest and Flea Market at the Alcantra armory from 10AM to 5PM.

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### **Anchorage HAM Radio License Course**

Rick and Lil Marvin will offer amateur radio classes for technician and general class licenses beginning in April. The classes will be two-week, fast track classes. The beginning date for the classes will be announced at a later date. Class meeting time will be from 6:00 PM to 9:00 PM.

Arrangements are still pending with the American Red Cross to use their facilities as a class location. Study materials may be obtained from the instructors after March 20, 2002.

Anchorage Amateur Radio Club, Inc  
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Anchorage, Alaska 99510-1987

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3 A.M. LONNY HAD  
BEEN AWAKEN BY  
A CALL FROM NET  
HEADQUARTERS, A  
RULE OF PHYSICS  
FLASHED THROUGH  
HIS THOUGHTS. NO  
TWO OBJECTS CAN  
OCCUPY THE SAME  
PLACE AT ONE TIME.  
HIS MICROPHONE  
AND COFFEE CUP  
WERE DOING JUST  
THAT. WHAT TO DO?  
WHAT TO DO?